

## ABSTRACT

The invention provides a polymeric composition which includes polymeric particles having a rubber-containing portion. The rubber-containing portion includes at least one of the following: (a) an organosiloxane polymer component and an isobutylene polymer component; (b) a vinyl polymer component and an isobutylene polymer component; or (c) an organosiloxane polymer component, a vinyl polymer component and an optional isobutylene polymer component. When the isobutylene polymer component is present in an amount of at least 1 weight percent at least one of the following must exist:

1. The polymeric particles must have a void-containing rubber portion, wherein the volumetric proportion of the voids ranges from 1 to 80%.
2. The polymeric composition must further include at least 1 weight percent of a processing oil component.
3. The polymeric composition must further include at least 2 weight percent of a processing aid component.
4. The polymeric composition must contains at least two different populations of polymeric particles.

In another embodiment, the isobutylene polymer component is less than 1 weight percent. Here, the features 1, 2, 3, or 4 set out above are optional. The invention further provides novel plastic resin systems including a plastic resin component and at least one polymeric composition set out above.